



Patent
Attorney's Docket No. 010055-134

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of) **BOX AF**
Simon C. BURTON et al.)
Application No.: 08/468,610) Group Art Unit: 1651
Filed: June 6, 1995) Examiner: Jon P. Weber, Ph.D.
For: CHROMATOGRAPHIC RESINS) Confirmation No. 5415
AND METHODS FOR USING SAME)

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AMENDMENT AND REPLY UNDER 37 C.F.R. § 1.116

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

This Amendment and Reply is in complete response to the Final Office Action mailed June 21, 2002 (Paper No. 26). A Petition requesting a one month extension of time hereby accompany this Amendment and Reply which is being filed on or before its now current due date of October 21, 2002. Applicants hereby provide the following amendments and remarks.

IN THE CLAIMS:

Please replace claims 1, 16, 55, and 56 as follows:

1. (Thrice Amended) A resin-protein/peptide complex which comprises a resin and a target protein or peptide bound thereto wherein said resin comprises

- a) a solid support matrix; and
- b) selected ionizable ligand covalently attached to the matrix.

wherein the ionizable ligand is selected such that the resin is electrostatically uncharged at a high and a low ionic strength at the pH where the target protein or peptide is bound to the resin wherein the protein or peptide binds to the resin at a pH of 5 to 9 and